

Acronyms and Abbreviations

°F	degrees Fahrenheit
ACHP	Advisory Council on Historic Preservation
ADT	average daily traffic
AFC	application for certification
AHPA	Archaeological and Historic Preservation Act
ANSI	American National Standards Institute
APCDs	Air Pollution Control Districts
APE	area of potential effects
API	American Petroleum Institute
APLIC	Avian Power Line Interaction Committee
AQIA	air quality impact analysis
AQMDs	Air Quality Management Districts
ASME	American Society of Mechanical Engineers
AST	Aboveground Storage Tank
ATCM	airborne toxic control measure
AVO	average vehicle occupancy
BACT	best available control technology
BFD	bird flight diverter
BMPs	best management practices
BNSF	Burlington Northern Santa Fe
BPIP-PRIME	Building Profile Input Program – Plume Rise Model Enhancements
BRMIMP	Biological Resources Mitigation Implementation and Monitoring Plan
BRT	Bus Rapid Transit
Btu/kWh	British thermal unit per kilowatt hour
C	Carbon
C ₂ H ₆	Ethane

C ₃ H ₈	Propane
C ₄ H ₁₀	Butane
C ₅ H ₁₂	Pentane
C ₆ H ₁₄	Hexane
CAA	Clean Air Act
CAAQS	California ambient air quality standards
CAISO	California Independent System Operator
CalARP	California's Accidental Release Program
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CAS	Chemical Abstract Service
CCR	California Code of Regulations
CDFG	California Department of Fish and Game
CDOGGR	California Division of Oil, Gas, and Geothermal Resources
CDPD	cellular digital pocket data
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
CH ₄	Methane
CHP	California Highway Patrol
CHRIS	California Historical Resources Information System
CMP	Congestion Management Program
CNDDDB	California Natural Diversity Data Base
CNPS	California Native Plant Society
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
CPCN	Certificate of Public Convenience and Necessity

CPM	compliance project manager
CRWQCB	California Regional Water Quality Control Board
CSC	California Species of Special Concern
CTGs	combustion turbine generators
CUPA	Certified Unified Program Agency
CVC	California Vehicle Code
CWA	Clean Water Act
dB	decibels
dBA	decibel A-weighted
DEM	Digitized Elevation Map
DOC	Determination of Compliance
DPM	diesel particulate matter
DTSC	California Department of Toxics Substances
EHS	extremely hazardous substance
EIR	Environmental Impact Review
EPA	U.S. Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-To-Know Act of 1986
FAA	Federal Aviation Administration
FEIR	Final Environmental Impact Report
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
FSNL	Full Speed No Load Tests
GEP	Good Engineering Practice
gpm	gallons per minute
gr/dscf	grains per dry standard cubic foot
GWh/yr	gigawatt-hours per year
H	Hydrogen
H&SC	California Health & Safety Code
HAPs	hazardous air pollutants

HARP	Hotspots Analysis and Reporting Program
HLIT	habitat loss and incidental take
HMBP	Hazardous Materials Business Plan
HMD	Hazardous Materials Division
HMD-HIRT	San Diego County Department of Environmental Health Hazardous Incident Response Team
HRAs	Health Risk Assessments
HRSG	heat recovery steam generator
I-5	Interstate 5
IEPR	Integrated Energy Policy Report
ISC3	Industrial Source Complex, Version 3
IWDP	Industrial Wastewater Discharge Permit
KV	kilovolt
KVA	kilovolt ampere
LAER	lowest achievable emission rates
LEL	lower explosive limit
LEPC	Local Emergency Planning Committee
LNG	Liquefied Natural Gas
LORS	Laws, Ordinances, Regulations, and Standards
LOS	Level of Service
LSP	LSP South Bay, LLC
MACT	Maximum Achievable Control Technology
MBTA	Migratory Bird Treaty Act
MCE	maximum credible earthquake
MEI	maximally exposed individual
MEW	maximally exposed worker
mg/L	milligram per liter
MICR	Maximum Incremental Cancer Risk
MMBtu	Million British thermal units
MMSCFD	million standard cubic feet per day

mph	miles per hour
MSCP	Multiple Species Conservation Program
MSDS	Material Safety Data Sheet
N	Nitrogen
N ₂	Diatomic Nitrogen
NAAQS	national ambient air quality standards
NAHC	Native American Heritage Commission
NEPA	National Environmental Policy Act
NESHAPs	national emission standards for hazardous air pollutants
NMFS	National Marine Fisheries Service
NO	Nitric Oxide
NO ₂	Nitrogen Dioxide
NOAA	National Oceanic and Atmospheric Administration
NO _x	Nitrogen Oxides
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Places
NSPS	national standards of performance for new stationary sources
NSR	New Source Review
NWR	National Wildlife Refuge
O	Oxygen
OCA	offsite consequences analysis
OHWM	ordinary high water mark
OLM	ozone-limiting method
OMPPA	Otay Mesa Power Purchase Agreement
OSHA	Occupational Safety and Health Act
PFE	Public Facilities Element
PM ₁₀	particulate matter with aerodynamic diameter less than or equal to 10 microns
PM _{2.5}	particulate matter with aerodynamic diameter less than or equal to 2.5 microns

Port	San Diego Unified Port District
PRMMP	Paleontological Resources Monitoring and Mitigation Program
PRS	Paleontological Resources Specialist
PSD	prevention of significant deterioration
RCRA	Resource Conservation and Recovery Act
RELs	reference exposure levels
RMP	Risk Management Plan
RQ	reportable quantity
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
S	Sulfur
S&HC	California Street and Highways Code
SANDAG	San Diego Association of Governments
SARA	Superfund Amendments and Reauthorization Act of 1986
SBPP	South Bay Power Plant
SBRP	South Bay Replacement Project
SCADA	Supervisory Control and Data Acquisition
SCR	selective catalytic reduction
SD&AE	San Diego and Arizona Eastern
SDAPCD	San Diego Air Pollution Control District
SDG&E	San Diego Gas & Electric Company
SDIV	San Diego and Imperial Valley
SDNHM	San Diego Natural History Museum
SERC	State Emergency Response Commission
SHPO	State Historic Preservation Officer
SHRA	screening health risk assessment
SIP	State Implementation Plan
SO ₂	Sulfur Dioxide
SoCalGas	Southern California Gas Company

SOP	standard operating procedure
SPCC	Spill Prevention Control and Countermeasures
SPPE	Small Power Plant Exemption
SUSMP	Standard Urban Stormwater Mitigation Plan
SVP	Society of Vertebrate Paleontology
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
T-BACT	toxics-best available control technology
TGN	Transportadora de Gas Natural de Baja California
TIBL	thermal inversion boundary layer
TMP	Traffic Management Plan
TPQ	threshold planning quantity
TQ	threshold quantity
TSD	treatment, storage, and disposal
TSP	total suspended particulate
UBC	Uniform Building Code
USACE	U.S. Army Corps of Engineers
USC	United States Code
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UTM	Universal Transverse Mercator Projection
VOC	volatile organic compounds
WDR	waste discharge requirement
WEAT	Worker Environmental Awareness Training
WRCC	Western Regional Climate Center
yd ³	cubic yards